



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/960,563	09/12/2001	Bernd Petzold	10191/2020	5713
26646	7590	10/07/2005	EXAMINER	
KENYON & KENYON ONE BROADWAY NEW YORK, NY 10004			TO, TUAN C	
			ART UNIT	PAPER NUMBER
			3663	

DATE MAILED: 10/07/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/960,563	Applicant(s) PETZOLD ET AL.	
	Examiner Tuan C. To	Art Unit 3663	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 January 2005 and 24 August 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 16-20, 22-25, and 27-29 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 16-20, 22-25, and 27-29 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 15 February 2002 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

44

DETAILED ACTION***Drawings***

The drawings are objected to because the proposed drawings filed on 02/15/2002 include hand-sketches (see figure 1). Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

Art Unit: 3663

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

Claims 16-20, 22-25, and 27-29 are rejected under 35 U.S.C. 102(b) as being anticipated by Mutsuga et al. (US 5911773A).

With regard to claim 24 and 25, the U.S. reference to Mutsuga et al. has been cited as teaching a navigation system including a calculation unit which is the central processing unit (4) shown in figure 1(A) of Mutsuga et al, and that processing unit (4) calculates a first route and second route from the starting point to the destination point (Mutsuga et al., figure 2, central processing unit 4; figure 15A). In figure 2, the display (12) is described as a claimed reproducing device for displaying the navigation data including map and routes. As shown in figure 1(A) of Mutsuga et al, the communication unit (5) is provided for receiving the traffic disruption on the first route and second route, and the display device (12) reproduced the traffic disruption such as the congested section shown in figure 15(A). Mutsuga et al. also teach that the traffic disruption such as the traffic congestion on the main road from the point P to the destination (see Mutsuga et al, column 9, lines 61-67; figure 15A).

With regard to claim 16, the input means (11) shown figure 1(A) of Mutsuga et al. is configured to enable the user to select one of the reproduced route.

With regard to claim 17, Mutsuga et al. teach that the main road (first route) and the general road as a detour route (second route) are reproduced on the display (12) as

Art Unit: 3663

partially shown in figure 15(A) when the congested section on the main road is determined.

With regard to claim 18, Mutsuga et al. teach that the traffic jam is fixed as the predefined route criteria (Mutsuga et al, column 6, lines 32-53)

With regard to claims 19 and 20, the navigation system disclosed by Mutsuga et al. further include an input mean unit (11) for weighting at least one route criteria.

With regard to claim 22, Mutsuga et al. teach that the information regarding traffic disruption includes information regarding traffic congestion (Mutsuga et al., column 6, lines 38-47).

With regard to claim 23, figure 15(A) taught by Mutsuga et al. clearly shows that the traffic disruption is reproduced altogether with the main road which is the first road (claimed first route) and the general road which is the second road (claimed second route). A congested section is specifically indicated on the main road.

With regard to claim 27, the input means (11) shown figure 1(A) of Mutsuga et al. is configured to enable the user to select one of the reproduced route.

Mutsuga et al. further teach that when the congested section of the main road (see Mutsuga et al, figure 15(A)) has been determined, another route (general route) begin to start from a new starting point to the destination.

With regard to claim 28, the communication unit (5) as represented above is configured to receive at least one type of traffic disruption such as traffic jam, and the display (12) is the reproducing device for displaying such the traffic disruption.

With regard to claim 29, the reproduction device is not only but also a speaker (16) as reproducing device for reproducing the acoustical signal to a user (Mutsuga et al., figure 2, speaker 16).

While patent drawings are not drawn to scale, relationships clearly shown in the drawings of a reference patent cannot be disregarded in determining the patentability of claims. See In re Mraz, 59 CCPA 866, 455 F.2d 1069, 173 USPQ 25 (1972).

Response to Amendment

The applicant's response filed on 01/10 and 08/24/05 have been fully considered.

Applicant's arguments on claims with respect to claims 16-20, 22-25, and 27-29 have been considered but are moot in view of the new ground(s) of rejection.

Conclusions

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuan C To whose telephone number is (571) 272-6985. The examiner can normally be reached on from 8:00AM to 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jack Keith can be reached on 571-272-6878.

The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.


Application/Control Number: 09/960,563

Page 6

Art Unit: 3663

For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Patent Examiner,



Tuan C To

September 20, 2005